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RAW SEQUENCE LISTING DATE: 05/03/2001 PATENT APPLICATION: US/09/721,479B TIME: 13:19:34

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3 <110> APPLICANT: Coit, Doris
         Medina-Selby, Angelica
         Selby, Mark
         Houghton, Michael
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10 <130> FILE REFERENCE: PP01617.002
12 <140> CURRENT APPLICATION NUMBER: US 09/721,479B
13 <141> CURRENT FILING DATE: 2000-11-22
15 <160> NUMBER OF SEQ ID NOS: 19
17 <170> SOFTWARE: PatentIn Ver. 2.0
19 <210> SEQ ID NO: 1
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24 <220> FEATURE:
25 <221> NAME/KEY: CDS
26 <222> LOCATION: (1990)..(7302)
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Description of Artificial Sequence: Hepatitis C pns345
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263 Gly Val Val Cys Ala Ala Ile Leu Arg Arg His Val Gly Pro Gly Glu
UUU COU TOU TOU
266 ggg gca gtg cag tgg atg aac cgg ctg ata gcc ttc gcc tcc cgg ggg 4047
267 Gly Ala Val Gln Trp Met Asn Arg Leu Ile Ala Phe Ala Ser Arg Gly
268 675 680 685
270 aac cat gtt tcc ccc acg cac tac gtg ccg gag agc gat gca gct gcc 4095
271 Asn His Val Ser Pro Thr His Tyr Val Pro Glu Ser Asp Ala Ala Ala
272 690 695 700
274 ege gte act gee ata ete age age ete act gta acc eag ete etg agg 4143
275 Arg Val Thr Ala Ile Leu Ser Ser Leu Thr Val Thr Gln Leu Leu Arg
276 705 710 . 715
278 cga ctg cac cag tgg ata agc tcg gag tgt acc act cca tgc tcc ggt 4191
279 Arg Leu His Gln Trp Ile Ser Ser Glu Cys Thr Thr Pro Cys Ser Gly
280 720 725 730
282 tcc tgg cta agg gac atc tgg gac tgg ata tgc gag gtg ttg agc gac 4239

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206				+~~	a+ =		~~+	~	at a	a+~		424	a+ a	aa+	~~~	2+0	4287
	ttt Phe	_					-	-		_		_	_				4207
288	Pile	гуу	1111	пр	755	пуз	на	цуз	neu	760	FIO	GIII	пеп	FIO	765	116	
	ccc	+++	ata	+00		C2.C	000	aaa	+ = +		ααα	atc	taa	cas		as c	4335
	Pro				-	_	-			_		_		-		-	4333
292	PIO	FILE	Val	770	Cys	GIII	ALY	GIY	775	шyз	Gry	Val	пр	780	GIY	АБР	
	ggc	ato	ata		act	cac	tac	cac		aaa	act	σασ	atc		aaa	cat	4383
	Gly																4303
296	GIY	116	785	птэ	1111	лгу	Cys	790	Cys	GLY	AIu	GIU	795	1111	Gir	1113	
	gtc	222		aaa	a.co	atα	add		ata	aat	cct	agg		tac	agg	aac	4431
	Val				_	_			-					_			1131
300	,441	800		011		1100	805			011		810	* * * * * *	0,0	*** 9		
	atq	-	aαt	aaa	acc	ttc		att	aat	acc	tac		асα	aac	aaa	tat	4479
	Met																,5
	815		001	011		820					825			011		830	
	acc	ccc	ctt	cct	aca		aac	tac	асσ	t.t.c		cta	t.aa	agg	at.a		4527
	Thr					_			_								
308					835			-1-		840				,	845		
	gca	gag	gaa	tac	ata	qaq	ata	aqq	caq	ata	aaa	qac	ttc	cac	tac	ata -	4575
	Ala		-						_								
312				850				,	855		•	•		860	-		
314	acq	ggt	atg	act	act	qac	aat	ctt	aaa	tgc	ccq	tgc	cag	gtc	cca	tcg	4623
315	Thr	Gly	Met	Thr	Thr	Asp	Asn	Leu	Lys	Cys	Pro	Cys	Gln	Val	Pro	Ser	
316		-	865			-		870	-	_		_	875				
318	ccc	gaa	ttt	ttc	aca	gaa	ttg	gac	ggg	gtg	cgc	cta	cat	agg	ttt	gcg	4671
	Pro																
320		880					885					890					
322	ccc	ccc	tgc	aag	ccc	ttg	ctg	cgg	gag	gag	gta	tca	ttc	aga	gta	gga	4719
323	Pro	Pro	Cys	Lys	Pro	Leu	Leu	Arg	Glu	Glu	Val	Ser	Phe	Arg	Val	Gly	
324	895					900					905					910	
326	ctc	cac	gaa	tac	ccg	gta	ggg	tcg	caa	tta	cct	tgc	gag	ccc	gaa	ccg	4767
	Leu	His	Glu	\mathtt{Tyr}		Val	Gly	Ser	Gln		Pro	Cys	Glu	Pro		Pro	
328					915					920					925		
	gac		-		-	-		_			_						4815
	Asp	Val	Ala		Leu	Thr	Ser	Met		Thr	Asp	Pro	Ser		Ile	Thr	
332				930					935					940			
	gca																4863
	Ala	Glu		Ala	Gly	Arg	Arg		Ala	Arg	GLY	Ser		Pro	Ser	Val	
336			945					950					955				
	gcc	_		-	_	_	_			-				_	-		4911
	Ala		Ser	Ser	Ala	Ser		Leu	Ser	Ala	Pro		Leu	Lys	Ala	Thr	
340		960					965					970					4050
	tgc		-			-			_	-					-		4959
	Cys	Thr	Ата	Asn	HIS	-	Ser	Pro	Asp	АТА		Leu	ше	GIU	Ата		
344		a+-	.			980	-+-		~		985			~++	~~~	990	E007
340	ctc	Cta	rgg	agg	cag	gag	Mot	ggc	ggc	Aac	TIA	acc mh~	agg	y.:	Clu	LCd Co~	5007
	Leu	ьeи	ттр	arg	995	GIU	met	от Х		ASN 1000	тте	1 11I,	arg		.005	Set	
348	422	226		a+a		2++	a+ ~	a = c	_		ant.	000	a++			a a a	5055
330	gaa	adC	add	gug	grg	att	cug	yac	LUC	LLC	yaı	ocy	ULL	gug	geg	yay	2023

VERIFICATION SUMMARY

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